

Storm Data and Unusual Weather Phenomena - October 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	10/01/10 00:00 CST	0		Drought
	10/31/10 23:59 CST	0		
Moderate drought conditions expanded over the remainder of southern Illinois during the month of October. The drought worsened to severe levels in far southeast counties, primarily the Wabash River Valley. Soil moisture deficits increased to the point where 100 percent of topsoil in southeastern counties was rated short or very short on moisture. Due to high fire danger, outdoor burning was banned in several counties. At the Carbondale airport, only about three-quarters of an inch of rainfall was measured for the month. This was 2.16 inches below normal. Year-to-date rainfall deficits were close to ten inches. Crop harvests were completed in October, but final crop damage figures were not yet available.				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	10/26/10 01:00 CST	19K		Strong Wind (MAX 49 kt)
	10/26/10 07:00 CST	0		
Strong south winds developed ahead of a cold front trailing south from an unseasonably strong low pressure system over the Upper Mississippi Valley. Peak wind gusts were from 40 to 50 mph, with isolated gusts near 55 mph. Some tree limbs and even a few weaker trees were blown down. At the Carbondale airport, a peak gust to 57 mph was recorded by the automated observing system.				
JACKSON COUNTY --- GRAND TOWER [37.63, -89.50]				
	10/26/10 04:40 CST	4K		Thunderstorm Wind (EG 52 kt)
	10/26/10 04:40 CST	0		Source: Law Enforcement
Trees were blown down.				
JACKSON COUNTY --- MURPHYSBORO [37.77, -89.33], CARBONDALE [37.72, -89.22]				
	10/26/10 04:40 CST	5K		Thunderstorm Wind (EG 50 kt)
	10/26/10 04:55 CST	0		Source: Law Enforcement
Several trees were blown down in Murphysboro. Trees were blown down in Carbondale. A few power poles were damaged in Carbondale.				
FRANKLIN COUNTY --- ROYALTON [37.87, -89.12], WEST FRANKFORT [37.90, -88.92]				
	10/26/10 05:00 CST	25K		Thunderstorm Wind (EG 61 kt)
	10/26/10 05:10 CST	0		Source: Emergency Manager
Power lines and trees were down in Royalton and West Frankfort. Some utility poles were snapped. In West Frankfort, limbs and medium-size branches were down, and lawn furniture was tossed around. A fallen light pole blocked traffic on a West Frankfort main thoroughfare.				
UNION COUNTY --- ALTO PASS [37.57, -89.33], 3.6 N COBDEN [37.58, -89.26]				
	10/26/10 05:00 CST	4K		Thunderstorm Wind (EG 52 kt)
	10/26/10 05:05 CST	0		Source: Emergency Manager
Several trees were blown down on the northwest side of the county, including locations near Highway 127 and Old U.S. 51. These locations are just south of the Jackson County line.				
WILLIAMSON COUNTY --- 4.2 SW CARTERVILLE [37.71, -89.14], 1.5 ESE CAMBRIA [37.77, -89.10]				
	10/26/10 05:08 CST	3K		Thunderstorm Wind (EG 52 kt)
	10/26/10 05:20 CST	0		Source: Emergency Manager
A few trees were blown down, including two on County Road 26 just southwest of Crab Orchard Lake. Another tree was down just north of Carterville. Power lines were down near Cambria. At a car dealership, a fence was blown down.				
FRANKLIN COUNTY --- CHRISTOPHER [37.97, -89.05]				
	10/26/10 05:15 CST	10K		Lightning
	10/26/10 05:15 CST	0		Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A house was struck by lightning.				
ALEXANDER COUNTY --- OLIVE BRANCH [37.17, -89.35]				
	10/26/10 05:25 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/26/10 05:25 CST		0	Source: Emergency Manager
Several trees were down across the county, especially in the Olive Branch area.				
SALINE COUNTY --- 1.0 WNW HARRISBURG [37.74, -88.57]				
	10/26/10 06:10 CST		4K	Thunderstorm Wind (EG 50 kt)
	10/26/10 06:10 CST		0	Source: Trained Spotter
Downed trees blocked Highway 13 on the west side of town.				
WHITE COUNTY --- CARMi [38.08, -88.17]				
	10/26/10 06:13 CST		10K	Thunderstorm Wind (EG 52 kt)
	10/26/10 06:13 CST		0	Source: Trained Spotter
A few trees and utility poles were down in the city. There were some power outages.				
MASSAC COUNTY --- 1.0 N METROPOLIS [37.16, -88.73]				
	10/26/10 06:18 CST		0	Thunderstorm Wind (MG 60 kt)
	10/26/10 06:18 CST		0	Source: Public
A wind gust to 69 mph was measured on the north side of the city.				
WABASH COUNTY --- MT CARMEL [38.42, -87.77]				
	10/26/10 06:20 CST		20K	Thunderstorm Wind (MG 52 kt)
	10/26/10 06:28 CST		0	Source: Broadcast Media
Trees were down in the city limits of Mount Carmel. A radio station measured a wind gust to 60 mph. The radio station reported a tree about one foot in diameter was blown down near the studio. A tree limb landed on a house, causing major damage to the roof.				
WABASH COUNTY --- 2.1 NE MAUD [38.42, -87.83], 2.3 WNW MT CARMEL [38.44, -87.81]				
	10/26/10 06:23 CST		4K	Tornado (EF0, L: 1.44 mi , W: 50 yd)
	10/26/10 06:26 CST		0	Source: NWS Storm Survey
This tornado touched down just north of Highway 15 along County Road 850E. The tornado caused mainly tree damage. There were several large tree limbs down. Some minor siding damage occurred on a house. Siding was taken off the east side of a barn. The damage path was intermittent. Peak winds were estimated at 75 mph.				
WABASH COUNTY --- 1.8 SSE ALLENDALE [38.51, -87.70], 2.5 ESE ALLENDALE [38.52, -87.68]				
	10/26/10 06:29 CST		8K	Tornado (EF1, L: 1.50 mi , W: 75 yd)
	10/26/10 06:31 CST		0	Source: NWS Storm Survey
Several large trees and tree limbs were down along the intermittent damage path. A tree was down on a house. Shingles were blown off a couple of houses. The tornado was in a very rural area. Peak winds were estimated at 90 mph.				
WABASH COUNTY --- 2.3 SE ALLENDALE [38.51, -87.69], 2.4 ESE ALLENDALE [38.52, -87.68]				
	10/26/10 06:29 CST		1K	Thunderstorm Wind (EG 61 kt)
	10/26/10 06:30 CST		0	Source: NWS Storm Survey
A microburst about 30 yards in width and less than a half mile in length broke several large tree limbs. This damage was about 100 yards south of the EF-1 tornado.				
An outbreak of severe thunderstorms was triggered by an unseasonably strong low pressure system over the Upper Mississippi Valley. The trailing cold front swept east across southern Illinois. Strong south winds ahead of this front brought adequate moisture and instability for a line of low-topped convection. Minimal lightning activity was reported.				

INDIANA, Southwest

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER				
	10/01/10 00:00 CST		0	Drought
	10/31/10 23:59 CST		0	

Drought conditions worsened to severe levels over southwest Indiana during the month of October. Total rainfall for the month was about one inch at the Evansville airport. This was 1.72 inches below normal. The year-to-date rainfall deficit was 13.59 inches. By month's end, 94 percent of Indiana topsoil was rated short or very short on moisture, and 93 percent of subsoil was rated as short or very short. Eighty-two percent of pastureland was rated in poor or very poor condition. A ban on outdoor burning was imposed across southwest Indiana. Crop harvests were completed in October, but final crop damage figures were not yet available.

GIBSON COUNTY --- FT BRANCH [38.25, -87.58]

10/07/10 13:00 CST	0	Dust Devil
10/07/10 13:08 CST	0	Source: Trained Spotter

A trained spotter photographed a dust devil passing through farm fields in the Fort Branch area. The dust devil was on the ground for over a mile and grew to 40 feet in diameter at times. Multiple vortices were seen dancing around the main vortex. This was the only confirmed dust devil. However, conditions were ripe for dust devils each afternoon from the 6th to the 8th.

The dust devils formed over drought-parched fields on a very warm and sunny afternoon with light winds.



Photo of a dust devil over a farm field in the Fort Branch area of Gibson County. Photo taken by Charlie Kiesel, a trained storm spotter for the National Weather Service.

WARRICK COUNTY --- 0.7 S CHANDLER [38.04, -87.37]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/13/10 14:04 CST		0	Hail (1.00 in)
	10/13/10 14:04 CST		0	Source: Trained Spotter

WARRICK COUNTY --- BOONVILLE [38.05, -87.27]

10/13/10 14:10 CST	0	Hail (1.00 in)
10/13/10 14:10 CST	0	Source: Trained Spotter

Isolated severe thunderstorms occurred along a weak cold front as it moved east across the Lower Ohio Valley.

(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER

10/26/10 04:00 CST	6K	Strong Wind (MAX 45 kt)
10/26/10 10:00 CST	0	

Strong south winds developed ahead of a cold front trailing south from an unseasonably strong low pressure system over the Upper Mississippi Valley. Peak wind gusts were from 40 to 50 mph, with isolated gusts near 55 mph. Some tree limbs and even a few weaker trees were blown down. A trained spotter in Spencer County measured a wind gust to 52 mph.

POSEY COUNTY --- STEWARTSVILLE [38.18, -87.83], 2.0 N POSEYVILLE [38.20, -87.78]

10/26/10 06:38 CST	0	Thunderstorm Wind (EG 56 kt)
10/26/10 06:43 CST	0	Source: Trained Spotter

Trained spotters estimated wind gusts from 60 to 65 mph near Interstate 64 in the Stewartsville and Poseyville areas.

VANDERBURGH COUNTY --- 1.5 W KASSON [38.02, -87.66], 1.0 SE EVANSVILLE DRESS ARP [38.02, -87.52]

10/26/10 07:05 CST	5K	Thunderstorm Wind (EG 52 kt)
10/26/10 07:20 CST	0	Source: Trained Spotter

Wires were blown down a few miles northwest of Evansville. A couple of trees were blown down about a mile southeast of the Evansville airport.

An outbreak of severe thunderstorms was triggered by an unseasonably strong low pressure system over the Upper Mississippi Valley. The trailing cold front swept east across southwest Indiana. Strong south winds ahead of this front brought adequate moisture and instability for a line of low-topped convection. Minimal lightning activity was reported.

KENTUCKY, Southwest

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

10/01/10 00:00 CST	0	Drought
10/31/10 23:59 CST	0	

Severe drought expanded across all of western Kentucky during the month of October. A small area of extreme drought developed in a couple of counties near the Mississippi River. Total rainfall for the month was about three-quarters of an inch at Paducah, and between one and 1.5 inches in the Pennyryle region. The monthly total at Paducah was 2.68 inches below normal. The year-to-date rainfall deficit increased to 10.32 inches at Paducah. By month's end, 97 percent of Kentucky topsoil was rated short or very short on moisture, and 98 percent of subsoil was rated as short or very short. Eighty-seven percent of pastureland was rated as poor or very poor, which impacted hay crops. On October 23, a wildfire that started on Fort Campbell in Trigg County burned onto private land, scorching about 90 acres. The fire threatened the community of Roaring Springs, prompting the evacuation of several homes. Local fire departments and the National Guard assisted federal agencies. No homes were burned. Due to high fire danger, bans on outdoor burning were in effect for ten western Kentucky counties at month's end. Crop harvests were completed in October, but final crop damage figures were not yet available. Preliminary estimates from farmers and agricultural extension agents were that corn crop yields would be down 30 to 50 percent in some areas, and soybean yields would be down 50 to 70 percent. Most of western Kentucky was still designated by the state of Kentucky as a drought management area because water supplies were down. A federal disaster declaration was granted for west Kentucky due to substantial agricultural losses due to drought. Dry pastures and diminished stock ponds were problematic for livestock producers.

UNION COUNTY --- STURGIS [37.55, -87.98]

10/12/10 15:00 CST	0	Hail (0.75 in)
10/12/10 15:00 CST	0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOPKINS COUNTY --- NORTONVILLE [37.20, -87.47]				
	10/12/10 15:55 CST		0	Hail (0.75 in)
	10/12/10 15:55 CST		0	Source: Law Enforcement
Numerous strong thunderstorms formed during the warmest and most unstable time of the day. The storms were triggered by a low pressure system centered near the southeast corner of Missouri.				
(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCracken, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD				
	10/26/10 04:00 CST		31K	Strong Wind (MAX 43 kt)
	10/26/10 09:00 CST		0	
Strong south winds developed ahead of a cold front trailing south from an unseasonably strong low pressure system over the Upper Mississippi Valley. Peak wind gusts were from 40 to 50 mph. Some tree limbs were blown down, taking power lines with them. Scattered power outages were reported in Marshall County.				
FULTON COUNTY --- SASSAFRAS RIDGE [36.55, -89.33]				
	10/26/10 06:12 CST		19K	Thunderstorm Wind (EG 61 kt)
	10/26/10 06:12 CST		0	Source: Law Enforcement
On Highway 94 near the intersection of Highway 971, a grain bin blew across the road and struck a car. The top of the grain bin was entangled in power lines. A roof corner of a farm shed was peeled back in the same area. A few trees were blown down.				
GRAVES COUNTY --- LOWES [36.88, -88.77]				
	10/26/10 06:30 CST		3K	Thunderstorm Wind (EG 52 kt)
	10/26/10 06:30 CST		0	Source: Law Enforcement
Several trees were blown down.				
MARSHALL COUNTY --- 2.1 NE CALVERT CITY [37.05, -88.32]				
	10/26/10 07:00 CST		6K	Thunderstorm Wind (EG 52 kt)
	10/26/10 07:00 CST		0	Source: Trained Spotter
A 30-by-50 foot tent used as a temporary maintenance shelter was partially blown down.				
CALLOWAY COUNTY --- 2.0 E COLDWATER [36.65, -88.41]				
	10/26/10 07:22 CST		5K	Thunderstorm Wind (EG 50 kt)
	10/26/10 07:22 CST		0	Source: Newspaper
A few limbs and small trees were blown down.				
HENDERSON COUNTY --- HENDERSON [37.83, -87.58]				
	10/26/10 07:25 CST		2K	Thunderstorm Wind (EG 52 kt)
	10/26/10 07:25 CST		0	Source: Emergency Manager
Two trees were blown down in the city.				
MARSHALL COUNTY --- HARDIN [36.77, -88.30]				
	10/26/10 07:26 CST		2K	Thunderstorm Wind (EG 52 kt)
	10/26/10 07:26 CST		0	Source: Trained Spotter
Large tree limbs were blown down near Hardin.				
DAVIESS COUNTY --- 0.9 SW CURDSVILLE [37.72, -87.34]				
	10/26/10 07:45 CST		0	Funnel Cloud
	10/26/10 07:45 CST		0	Source: Trained Spotter
A trained spotter reported a funnel cloud south of U.S. Highway 60 and west of West Louisville. Another untrained witness reported a funnel cloud in the same area. The funnel cloud went up and down but did not touch ground.				

Storm Data and Unusual Weather Phenomena - October 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DAVIESS COUNTY --- STANLEY [37.82, -87.25]				
	10/26/10 07:47 CST		0	Hail (1.00 in)
	10/26/10 07:47 CST		0	Source: Unknown
TRIGG COUNTY --- ROCKCASTLE [36.90, -87.97]				
	10/26/10 07:55 CST		3K	Thunderstorm Wind (EG 52 kt)
	10/26/10 07:55 CST		0	Source: Emergency Manager
A few trees were blown down.				
CHRISTIAN COUNTY --- 1.7 NE HAWKINS [37.05, -87.65]				
	10/26/10 08:05 CST		0	Hail (0.75 in)
	10/26/10 08:05 CST		0	Source: Trained Spotter
Dime-size hail was reported in the Pennyrile State Resort Park area.				
DAVIESS COUNTY --- 2.0 E OWENSBORO [37.77, -87.08]				
	10/26/10 08:13 CST		2K	Thunderstorm Wind (EG 52 kt)
	10/26/10 08:13 CST		0	Source: Trained Spotter
Wind gusts to 60 mph were estimated by a spotter just east of the city of Owensboro. A couple of power lines were down. A wind gust to 57 mph was measured in Owensboro.				
CHRISTIAN COUNTY --- 3.0 SW CROFTON [37.02, -87.52], CROFTON [37.05, -87.48]				
	10/26/10 08:20 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/26/10 08:25 CST		0	Source: NWS Storm Survey
Large tree limbs up to one foot in diameter were blown down. The street department removed several of them from streets. A rotating wall cloud was photographed just northwest of Crofton.				
MUHLBERG COUNTY --- 1.4 NW NEW CYPRESS [37.27, -87.27], 1.4 NW NEW CYPRESS [37.27, -87.26]				
	10/26/10 08:27 CST		2K	Tornado (EF0, L: 0.13 mi , W: 50 yd)
	10/26/10 08:28 CST		0	Source: NWS Storm Survey
A National Weather Service damage survey revealed a brief EF-0 tornado along Highway 601. Around 30 small trees were broken off. No structures were in the path of the tornado. The peak wind was estimated at 65 to 70 mph.				
CHRISTIAN COUNTY --- 2.4 ENE MERRITTSTOWN [36.86, -87.53], 0.9 NNW HOPKINSVILLE [36.86, -87.48]				
	10/26/10 08:28 CST		0.10M	Tornado (EF1, L: 2.44 mi , W: 130 yd)
	10/26/10 08:31 CST		0	Source: NWS Storm Survey
The tornado touched down west of Hopkinsville along Highway 272, where a metal building was damaged and a couple of small trees were down. In a subdivision on the north side of Highway 272, there were several homes with partial removal of roof shingles. There was damage to gutters and flashing. Numerous trees were uprooted, mainly small trees. Numerous large tree limbs were broken. One house roof was damaged by a falling tree limb. The tornado was videotaped by storm spotters as it moved through the west side of Hopkinsville. A storage warehouse sustained roof damage. A warehouse side structure was ripped away from a building in Hopkinsville. Peak winds were estimated near 85 mph. The average path width was 70 yards.				
MUHLBERG COUNTY --- 0.5 N CENTRAL CITY [37.31, -87.13]				
	10/26/10 08:42 CST		5K	Thunderstorm Wind (EG 56 kt)
	10/26/10 08:42 CST		0	Source: NWS Storm Survey
Some tree and shingle damage occurred on the north side of Central City. A trained spotter confirmed wind gusts of around 60 mph.				
CHRISTIAN COUNTY --- 3.1 S PEMBROKE [36.74, -87.35], 2.6 SE PEMBROKE [36.75, -87.32]				
	10/26/10 08:52 CST		4K	Tornado (EF0, L: 1.80 mi , W: 50 yd)
	10/26/10 08:54 CST		0	Source: NWS Storm Survey
A damage survey revealed a weak tornado caused a path of intermittent tree damage. Several large tree limbs were blown down, one whole tree was down, and tin was damaged on a couple of barns. Peak winds were estimated near 70 mph. The damage path ended near the junction of Highway 1453 and U.S. Highway 41.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TODD COUNTY --- 3.4 N TRENTON [36.77, -87.27], 3.4 N TRENTON [36.77, -87.27]				
	10/26/10 08:58 CST		5K	Tornado (EF0, L: 0.18 mi , W: 30 yd)
	10/26/10 08:59 CST		0	Source: NWS Storm Survey
A damage survey revealed a brief EF-0 tornado along Highway 475. There was damage to recreational equipment blown from the back yard of a home. Pieces of tin were blown off a barn roof. Peak winds were estimated at 65 mph.				
An outbreak of severe thunderstorms was triggered by an unseasonably strong low pressure system over the Upper Mississippi Valley. The trailing cold front swept east across western Kentucky. Strong south winds ahead of this front brought adequate moisture and instability for a line of low-topped convection. Minimal lightning activity was reported.				
MISSOURI, Southeast				
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID				
	10/01/10 00:00 CST		0	Drought
	10/31/10 23:59 CST		0	
Drought conditions expanded and worsened across southeast Missouri during the month of October. Extreme drought developed over a few counties near the Missouri Bootheel, mainly south of Charleston. Severe drought expanded as far north and west as the Poplar Bluff and Sikeston areas. Moderate drought expanded north and west across the remainder of southeast Missouri. Total rainfall for the month was only one-half inch at Cape Girardeau and 1.11 inches at Poplar Bluff. Outdoor fire danger became very high at times. Outdoor burning was banned in Cape Girardeau County. By month's end, 85 percent of pastureland was rated poor or very poor. Ninety-two percent of topsoil was rated short or very short on moisture. A federal disaster declaration was granted for most of southeast Missouri due to anticipated crop losses. Crop harvests were completed in October, but final crop damage figures were not yet available. Unirrigated corn yields were expected to be a total failure in some places.				
MISSISSIPPI COUNTY --- CHARLESTON [36.92, -89.33], WYATT [36.92, -89.22]				
	10/06/10 11:20 CST		0	Dust Devil
	10/06/10 11:30 CST		0	Source: NWS Employee
An off-duty meteorologist observed three or four dust devils on U.S. Highway 60 between Wyatt and Charleston in Mississippi County. The funnels were visible up to 20 feet above ground level.				
Dust devils formed over drought-parched fields on a very warm and sunny afternoon with light winds.				
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID				
	10/26/10 01:00 CST		11K	Strong Wind (MAX 45 kt)
	10/26/10 06:00 CST		0	
Strong south winds developed ahead of a cold front trailing south from an unseasonably strong low pressure system over the Upper Mississippi Valley. Peak wind gusts were from 45 to around 50 mph. Some tree limbs and even a few weaker trees were blown down. In Stoddard County, two trees were blown down across roads. At the Cape Girardeau airport, a peak gust to 52 mph was recorded by the automated observing system.				
CARTER COUNTY --- 4.5 W VAN BUREN [37.01, -91.10], 3.8 E FREMONT [36.96, -91.10]				
	10/26/10 02:55 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/26/10 02:55 CST		0	Source: Emergency Manager
Trees were down across a few county roads in western Carter County. The roads were blocked and impassable.				
CARTER COUNTY --- 0.6 W ELLSINORE [36.93, -90.76], 4.1 ENE GRANDIN [36.84, -90.76]				
	10/26/10 03:30 CST		5K	Thunderstorm Wind (EG 52 kt)
	10/26/10 03:30 CST		0	Source: Emergency Manager
Trees were down across a few county roads at various locations in the eastern part of Carter County.				
PERRY COUNTY --- 2.0 SW PERRYVILLE [37.70, -89.90], 0.8 W FRIEDENBURG [37.70, -89.82]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	10/26/10 04:00 CST		3K	Thunderstorm Wind (EG 52 kt)
	10/26/10 04:15 CST		0	Source: Law Enforcement

A few trees were down across roads at locations scattered across the county.

BOLLINGER COUNTY --- 1.3 WNW HURRICANE [37.43, -90.04]

10/26/10 04:05 CST	4K	Thunderstorm Wind (EG 56 kt)
10/26/10 04:05 CST	0	Source: Broadcast Media

South of Patton on Highway 51, a carport was pulled from the ground and thrown into a tree.

BOLLINGER COUNTY --- LUTESVILLE [37.30, -89.98], 2.0 SSW LUTESVILLE [37.27, -89.99]

10/26/10 04:10 CST	4K	Thunderstorm Wind (EG 52 kt)
10/26/10 04:20 CST	0	Source: COOP Observer

Large tree limbs were down across power lines at Lutesville. Large trees were down near Highway 51 at Highway FF.

CAPE GIRARDEAU COUNTY --- CAPE GIRARDEAU [37.30, -89.53]

10/26/10 05:00 CST	10K	Thunderstorm Wind (EG 52 kt)
10/26/10 05:05 CST	0	Source: Emergency Manager

Trees were blown down throughout the city.

SCOTT COUNTY --- SIKESTON [36.88, -89.58], 2.0 E CANEY CREEK [37.13, -89.64]

10/26/10 05:25 CST	5K	Thunderstorm Wind (EG 52 kt)
10/26/10 05:25 CST	0	Source: Emergency Manager

A few trees were blown down across the county. Power lines were down along Highway Y near Sikeston.

MISSISSIPPI COUNTY --- WYATT [36.92, -89.22]

10/26/10 05:47 CST	5K	Thunderstorm Wind (EG 52 kt)
10/26/10 05:47 CST	0	Source: Newspaper

Several tree limbs were blown down. A large portion of a tree fell on a house.

An outbreak of severe thunderstorms was triggered by an unseasonably strong low pressure system over the Upper Mississippi Valley. The trailing cold front swept east across southeast Missouri. Strong south winds ahead of this front brought adequate moisture and instability for a line of low-topped convection. Minimal lightning activity was reported.

(MO-Z107) CARTER

10/27/10 11:00 CST	0	Wildfire
10/27/10 16:00 CST	0	

A forest fire about five miles north of Ellsinore burned 115 acres. The fire occurred due to severe drought conditions, gusty winds, and very low relative humidity. Rainfall the previous day had little effect on the dry conditions.